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MEMORANDUM

Date: July 2, 2001
To: Jan Robbins
From: Pam Arnold
Subject: WEEKLY STATUS MEETING DOE/LRA for July 2, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.

There will be no meeting on July 9 due to the July 4 holiday and number of vacations.



DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD

B371-A-000040



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Golden, Colorado 80403-8200

MEMORANDUM

Date: July 2, 2001
To: 371/374 Environmental Safety Project Files
From: ^{kg}L. A. Gregory-Frost, D&D Waste, T371A, X3681
SUBJECT: 371/374 Weekly Status Meeting Minutes for July 2, 2001

Meeting Attendees:

Denise Onyskiw (CDPHE), Fred Gerdeman (DOE, RFFO), Jim Floerke, Laurie Gregory-Frost, Barry Gustafson, Kay Kunert, Gerry Tassett, David Ward, John Wrapp

The attached B371 Closure Project Weekly Status Meeting Agenda and Meeting Summary provides a summary of the information discussed during the July 2, 2001 meeting.

The following information was also discussed with and concurred upon by the Lead Regulatory Agency (LRA) representative, Denise Onyskiw:

- ◆ **North Side Clean-up:** Using photographs of the potassium hydroxide (KOH) tank interior, David Ward described the plan to flush the KOH residues to Building 374 to be used as a reagent in the treatment process. The DOP indicates that steam cleaning will be conducted if necessary to remove EPA hazardous waste codes from the tank systems. No EPA hazardous waste codes will be applicable to the waste generated from the KOH tank system; therefore, no steam cleaning will be conducted.
- ◆ **Management of Remediation Waste:** The first RFCA Temporary Units were set up in Rooms 3305 (Set 7) and 3408 (Set 24) during the week ending June 28, 2001.

James Hindman and Denise Onyskiw, CDPHE, had agreed that RFCA Temporary Units could be used beginning on June 18th to accumulate and store RCRA-regulated hazardous/mixed remediation. This agreement was discussed in the Weekly Status Review Meetings on June 18th, 25th, and July 2nd, and in the remediation waste procedure review meetings on June 18th and 28th. Until the remediation waste procedure is finalized, a weekly inspection using the agreed upon inspection log will be conducted for all RCRA-regulated hazardous/mixed remediation wastes accumulated in the RFCA Temporary Units.

- ◆ **Earned Value Determinations:** Fred Gerdeman, DOE, RFFO requested that he receive notifications regarding the IWCP roundtable meetings to facilitate earned value determinations.

Attachment: As Stated

cc:
Pam Arnold

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

July 2, 2001

AGENDA

INTRODUCTION — *Pam Arnold, X6035, Pager 303-212-4835*

D&D

Presenters — *John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
 - *Cerium Nitrate*
 - *MAA/PA Closure*

Presenter — *Barry Gustafson, X3292, Pager 303-212-5290*

- Special Projects
 - *North Side Cleanup*
 - *Remote Dismantlement Chamber*
 - *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

ENVIRONMENTAL — *Pam Arnold, X6035, Pager 303-212-4835*

WASTE MANAGEMENT — *Laurie Gregory-Frost, X3681, Pager 303-212-1980*

AUTHORIZATION BASIS/BIO — *Karl Gross, X7727, Pager 303-212-1810*

D&D Summary (AAC)

Week Ending 6/21/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- Set 5B (rebaselined Set 14) draining is ^{100%}85% complete. Expect to complete by 7/9. (1AQ31DR05B)
- Set 16 (3521) draining is 100% complete. (1AQ31DR006)
- Set 4B (1117) draining is expected to start the week of 7/30. (1AQ31DR04B)
- Set 4A (1115/1103) draining is expected to start the week of 7/30. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) engineering is complete. Entry to complete hanging of tags planned week of 7/9. First of two draining IWCPs is 95% complete. (1AQ31DR02B)

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 10/01/03

SV: -4 days

- Set 5 (3573, 8 tanks) Seven breathing air entries have been completed. Twenty-five drums of rings have been removed from D-134C (approximately 70%). Working DAC remains well within the activity suspension guideline. A Statement of Work has been completed for the prototype vacuum system. Contract award is expected the week of 7/2. (1AC105ET00) The CeN package is 95% complete and the level transmitter isolation package is complete. (1AD105AH00 & 1AD105DH00)
- Sets 3 (3517), line isolation engineering/planning 95% complete. (1AC103AT00)
- Set 13 (2307/2317/2319) line isolation and raschig ring removal engineering/planning are 40% complete. (1AC113AT00)
- Set 4 line isolation is scheduled to start 7/9. The material is planned to be onsite 7/5.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- Set 23 (3321/3323/3325) is 90% complete. All GB's returned to service, cleaned, and scanned. No SNM holdup removal required. Two transfer pumps may contain free liquid. (1AC123EG00)
- Set 24 (3408) is 90% complete. All GB's returned to service and cleaned. Chemical and standards removal is 90% complete – scans will follow completion. (1AC124EG00) KCN-KOH container was sampled. B-Box chemicals and standards have been re-located to 3412. Remaining wastes items in gloveboxes and fume hood have been scanned and will be bagged out Monday morning.
- Set 7 (3305) is 70% complete. All GB's returned to service, 100% have been cleaned. Chemical removal is 100% complete. Physical isolation of pumps is 80% complete. Draining has started and is 60% complete and scans are 100% complete. Work has started in GB36 disassembling furnace gear reducers in preparation for draining. Electrical isolations of 166 & 167 pumps is complete. (1AC107EG00)
- Set 14 (2325) is 20% complete. GB return to service is 100% complete. All gloveboxes not in use by Tap and Drain have been cleaned. The engineering is 100% complete for the screw-drive reducer draining. Work package development is 95% complete and out for final review and approval. (1AC114EG00)

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CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- All equipment procurements continue to be worked. The I/O8 mechanical system will be awarded the week of 7/2. (IAC109AD01)
- Joint Evaluation Team tour and review was completed on 6/29.
- IWCP for deconning is 95% complete. Fixative application will take place the week of 7/9.
- GB68 bagout port installation has started. Drill press size reduction will be the first activity followed by tent construction.
- IWCP for I/O8 modification is 70%. IWCP for guillotine door switch relocation is 75% complete. IWCP for sprinkler installation is on hold until permacon installation planning is complete. (AC109AD00)
- Engineering for the drain system is complete.

Set 16/17 (Canyon)

KH Target Finish: 6/15/01

Current Early Finish: 7/26/01

SV: -26 days

IWCP development for oil draining from pumps in 3511 and 3515 is complete. SWP prerequisites for tap installation have started. Draining is expected during the week of 7/9. (IAC116EN00) (AC117EN00)

Special Projects

Cerium Nitrate

- CeN decontamination procedure has been signed and is awaiting a safety screen.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- First draft of closure plan started and 30% complete. (AC11PNM20)
- Third planning meeting with other Site projects held 6/29. Options are being considered to best integrate SNM holdup removal activities with residue and PuSPS end dates. IDCs without a known disposition path have been identified. (AC11PNM20)

D&D Summary (AAD)
Week Ending 6/29/01

Special Projects:

Work continues on three special projects in support of D&D activities.

- "North Side Clean-up" project procurement documents have been prepared and are in process of distribution to selected contractors. An early July pre-bid meeting is expected. We anticipate a three-week turnaround on the bidding and expect to award a contract in late July, mobilize the successful contractor early August and start work in early August. The demolition work will require 8 to 10 weeks for completion. (IAD1AQGX20) RCTS are taking surveys of the tanks, concrete and other components. We will recycle the concrete when removed from the berm and structures. The D&D Isolation crew will begin isolation of electrical, and piping in July.
- RDC (ITC): The specification and statement of work will be issued to interested bidders in compliance with site's procurement procedure. (IAD11SRK10), (IAD11SRK20), (IAD11SRK30) Work to clear operating space for the RDC is proceeding in room 3801 (set 56) as components are available.
- IWCP work package for Breathing Air System upgrades are approved. Preliminary work, including conduit installation, pipe fabrication and core drilling, is on going. We continue to investigate the optimum time to take the breathing air system out of service to perform the modification. In addition we are working on plans to install the new equipment on short shutdowns to minimize downtime of the system. (AD11BAJ10), (IAD11BAJ20), (IAD11BAJ30), (IAD11BAJ40)

General: Planning and engineering on the next series of sets scheduled for D&D has started. The sets are 3,4,5 and 57. Details by set will be available as planning and engineering progresses and scope documents are prepared.

Set 7: Rooms 3301, 3303, 3305

KH Target Finish: 10/01/02

Current Early Finish: 10/01/02

SV: 0 day

- Planning and engineering continuing for development of work packages to remove gloveboxes 36,37,38 and 75. The estimated completion date for planning and engineering supports the baseline schedule date of July 9, 2001. (IAD107AD00). Electrical and Mechanical Isolation Work Packages are in Nuclear Safety for screening.
- We will issue to the field after all approval and shift manager signatures. A preplanning meeting with the crew and waste team will precede the commencement of work.
- Removal of loose equipment will continue into the next reporting period. (IAD107BD00). We have drained the glove port covers and are preparing to drain sections of piping prior to removing sections to provide isolation.
- Crated gloveboxes were scanned last week. Scan data will assist in determination of the disposition. A work package is in Nuclear Safety for review to open the crates, inventory and survey the contents. A plan to disposition the items will be developed when the contents are identified characterized and surveyed.

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Set 18: Rooms 3801, (north portion), 3805

KH Target Finish: 9/10/01

Current Early Finish: 3/27/02

SV: 124 days

- A Recovery Plan is in the process of development and will be implemented upon actual termination of operations. Preliminary efforts included a phased approach to isolate and remove equipment that is not required for facility operation. This includes tanks 816, 817, 818, 819 and associated equipment. (IAD118AD00) We are focusing management attention to the closure of tanks in the area to allow D&D to begin. We expect set 18 phase 1 to be released in early August and phase 2 in early January.

Set 24: Rooms 3402, 3404A, 3404, 3406, 3408

KH Target Finish: 9/25/01

Current Early Finish: 120/05/01

SV: -55 days

Schedule recovery will be realized when D&D of glovebox is commenced. Current impacts are chemicals remaining in room 3408 and in one glove box. Work groups responsible for disposition of these chemicals and standards are planning to remove them this week. (IAD124AD00) We were delayed due to the necessity to repaint the floor.

- D&D crews have isolated and removed equipment declared OOC, available for disposition. (IAD124BD00)
- Loose equipment removal has progressed as far as possible until additional components are available. (IAD124AD00)
- Standard Work Packages to remove external lead and glove boxes is in the process of development. Isolation packages have been through review and will be available subsequent to PRC review, and will be ready for use as soon as chemicals and waste drums are removed. (IAD124AD00)
- We reviewed and revised the schedule for decommissioning work based on current predicted start dates and work plans. Several days of negative schedule variance were removed by the logic changes. Additional negative variance will be removed as activities are worked in parallel, where it is safe to do.

Set 30: Room 3701, Cold Glove Box

KH Target Finish: 8/05/02

Current Early Finish: 7/11/01

SV: 236 days

- A Glovebox is in process of being removed and disposed of in accordance with all applicable procedures and policies. Portions of the box have been utilized as training aides in Bldg. 881. (AD130BD00)
- Electrical and Mechanical isolations are 99% complete respectively. Sheetmetal demolition is 99% complete. ~~We estimate three additional weeks to complete demolition and demobilization. (AD130BD00)~~
- The construction crew has worked overtime to accomplish as much as possible prior to implementation of the two-person rule required by the PuSPS security plan. (IAD130BD00)

The removal activity will proceed on weekends and during downtime of PuSPS operations.

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Set 56: Room 3801, (south portion)

KH Target Finish: 9/10/01

Current Early Finish: 12/20/01

SV: -67 days

- Recovery plans are in process of development and will be implemented when tank deactivation is completed. D&D workers are supplementing the operations staff and assisting with draining of the remaining tanks. Draining, photographing and documentation of tanks is expected to be completed by early August. D&D work will begin at that time. Impact of spray dryer start-up and resources delayed draining of tanks and removal of sludge. Tank deactivation discovered residual liquid in one of the first tanks to be turned over to D&D. Disposition of the liquid has delayed the continuation of D&D activities on selected tanks. We are working on tapping & draining a few lines and re-routing a 2" line in preparation for D&D of the major equipment. (1AD156AD00) /
- Planning and engineering for isolation, dismantlement and disposition of tanks, pumps, associated piping, electrical components, catwalks, ladders and mechanical equipment is essentially complete. (1AD156AD00)

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ENVIRONMENTAL STATUS

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
7	N/A Container Storage - Room	371.1A	3301	
	N/A Mixed Residue Tank - Ancillary Equipment	N/A	3303	
	N/A Container Storage - Room	371.1A	3305	
	N/A Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	3710122	3305	
	N/A Container Storage - Room	371.1A	3315	
	N/A GB Storage - GB#32	371.1B	3315	
18	N/A Tanks: D808, D812, D813, D814, D815, D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C, Polishing Filter FL-831,	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
24	N/A GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A Tanks: D806 and D807A/B	374.3	3801	Tanks D807A/B have been declared RCRA Stable and transferred to D&D.
	N/A GB Storage - GB's 107 and 113	374.3	3801	
58	N/A Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	N/A Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/4807	
	N/A GB Treatment: BG's 115 AB, 116AB, 117AB, 118 AB.			3803/4805/4807

Waste Management Summary

Status for Week Ending 06-29-01

Status of Remediation Waste Procedure and Training

- The DRAFT Management Requirements for Remediation Waste, 371/374 Closure Project procedure: Meeting held on June 29, 2001 to discuss resolution of CDPHE and DOE comments.
- Remediation Waste Training: Informal briefings regarding the generation of remediation waste and the implementation of RFCA Temporary Units for accumulation of hazardous and mixed waste were held with D&D first line supervision and D&D workers. The briefings included brainstorming sessions to incorporate lessons-learned from Building 771 into the strategy for managing remediation waste in 371/374.

Implementation of Remediation Waste Requirements

- Use of RFCA Temporary Units (RTUs) for management of Remediation waste: Set up the first RFCA TU in Set 7, Room 3305, for the accumulation of lead, lead sandwiched with steel, and lead contaminated water.

Basis for Interim Operations (BIO)

- First mark-up version of 371/374 BIO Revision 5 Annual Update was submitted to DOE RFFO, on June 15, 2001. Informal discussions indicate DOE RFFO approval is imminent.
- Resolving resource and facility priorities to define final schedule and plan for BIO Revision 6.

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